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DATE MAILED: 04/24/2003

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/581,196 06/19/2000		Thomas Eggers	00118	7625	
23338	7590 04/24/2003	•			
DENNISO	N, SCHULTZ & DOUG	EXAM	EXAMINER		
	RSON DAVIS HIGHWAY N, VA 22202	RAMSEY, K	RAMSEY, KENNETH J		
			ART UNIT	PAPER NUMBER	
		•	2970	*	

Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after StX (6) MONTHS from the mailing date of this communication.  If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.  If NO period for reply is specified above, the maximum statutory period will apply and will expire StX (6) MONTHS from the mailing date of this communication.  Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).  Status  1) Responsive to communication(s) filed on  2a) This action is FINAL. 2b) This action is non-final.  3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Claim(s) 1-4 is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5) Claim(s) is/are allowed.  6) Claim(s) is/are objected to.  8) Claim(s) is/are objected to.										
Examin r  Kenneth J Ramsey  279  - Th MAILING DATE of this c mmunication appears on the cover sheet with the correspondence address Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  If the period in really a specified above, the maneture standard of the communication. If the period in really a specified above, the maneture standard will apply and of the communication. If the period in really a specified above, the maneture standard premium of the pip (20) days will be considered timely.  If the period in really a specified above, the maneture standard premium of the pip (20) days will be considered timely.  If the period in really is applied above, the maneture standard premium of the pip (20) days will be considered timely.  If the period in really is applied above, the maneture standard premium of the pip (20) days will be considered timely.  If the period in really is applied above, the maneture standard premium of the period of the communication, even if it immer filed, may reduce any search patent term explanations.  Any reply reduced by the Office idental than there mediate after the maning date of this communication, even if it immer filed, may reduce any search patent term explanations.  Any reply reduced by the Office identification is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Claim(s) 1.4 is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5) Claim(s) is/are objected to.  5) Claim(s) is/are objected to.  8) Claim(s) is/are objected to.  8)		•	Application	n No.	Ap nt(s)	Ù/				
Renneth J. Ramsey   2879		Office Action Comment	09/581,19	6	EGGERS, THOMA	S				
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Art Unit: 2879

## **Prior Art Rejections**

1) The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 2) Claims 1-2 are rejected under 35 U.S.C. 102(b) as being anticipated by Bergman et al (US-4,340,836). See column 3, lines 41-44.
- 3) The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
  - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 4) Claims 3-4 are rejected under 35 U.S.C. 103 (a) as being unpatentable over Bergman et al in view of Petro et al (US-3,822,455). It would have been obvious to one of ordinary skill in the art at the time of the claimed invention to form the wire coil 12 of Bergman et al by severing a winding with a laser to form beaded coil ends as taught by Petro et al since the beaded ends facilitate handling and welding of the coil to the tungsten shank.

Technical inquiries concerning this communication should be directed to Kenneth J. Ramsey, (703) 308-2324 (voice), (703) 746-4832 (fax).

kjr April 21, 2003

Kenneth J. Ramsey
Primary Examiner